

Texas Children's Hospital Surgical Antibiotic Prophylaxis

	No Allergy		β- Lactam Allergy	
Procedure	Antibiotic	h/o MRSA	Antibiotic	h/o MRSA
HIGH RISK PROCEDURES				
Cardiac Procedures	cefazolin	vancomycin & cefazolin	clindamycin	vancomycin
Ventriculoperitoneal Shunts	cefazolin	vancomycin & cefazolin	clindamycin	vancomycin
Spinal Fusion -not neuromuscular	cefazolin	vancomycin & cefazolin	clindamycin	vancomycin
Spinal Fusion -neuromuscular	cefazolin & gentamicin	vancomycin & cefazolin & gentamicin	clindamycin & gentamicin	vancomycin & gentamicin
GENERAL SURGERY				
Esophagus, Gastroduodenal, involving entry into lumen	cefazolin	vancomycin & cefazolin	clindamycin & gentamicin	vancomycin & gentamicin
Biliary Tract (lap or open)	cefazolin	vancomycin & cefazolin	clindamycin & gentamicin	vancomycin & gentamicin
Appendectomy - >2 hours since last pip/tazo dose	piperacillin-tazobactam*	vancomycin & piperacillin-tazobactam*	clindamycin & gentamicin	vancomycin & clindamycin & gentamicin
Appendectomy - >1 hour but < than 2 hours since last pip/tazo dose	cefoxitin	vancomycin & cefoxitin	clindamycin & gentamicin	clindamycin & gentamicin
Small Bowel -non-obstructed	cefazolin	vancomycin & cefazolin	clindamycin & gentamicin	vancomycin & gentamicin
Small Bowel -obstructed	cefoxitin	vancomycin & cefoxitin	clindamycin & gentamicin	vancomycin & clindamycin & gentamicin
NEC	piperacillin-tazobactam	vancomycin & piperacillin-tazobactam	clindamycin & gentamicin	vancomycin & clindamycin & gentamicin
Colorectal	cefoxitin	vancomycin & cefoxitin	clindamycin & gentamicin	vancomycin & clindamycin & gentamicin
Pectus	cefazolin	vancomycin & cefazolin	clindamycin	vancomycin
Thoracic, non-CV	cefazolin	vancomycin & cefazolin	clindamycin	vancomycin

* In general, national guidelines recommend narrow spectrum antibiotics over broad spectrum antibiotics. Piperacillin-tazobactam was selected by pediatric general surgery based on historical infections with *Pseudomonas aeruginosa*.

Revised 4/3/2019